

ABSTRACT OF THE DISCLOSURE

Provided is a heat sensitive flow meter for measuring a flow rate of a fluid passing through a flow passage provided in an internal combustion engine, including: a filter (7) (constituted of a fixed resistor (3) and a capacitor (4)) for inputting a flow rate signal V_{in} outputted from a flow rate measurement unit installed within the flow passage to subject the flow rate signal to a predetermined filter processing; and a selection unit (8) (constituted of a fixed resistor (2), an operational amplifier (5), and a diode (6)) for comparing the flow rate signal V_{in} outputted from the flow rate detection unit and a filter signal V_f passed through the filter (7) to select the signal having a higher voltage as a new flow rate signal.